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Fig. 1A

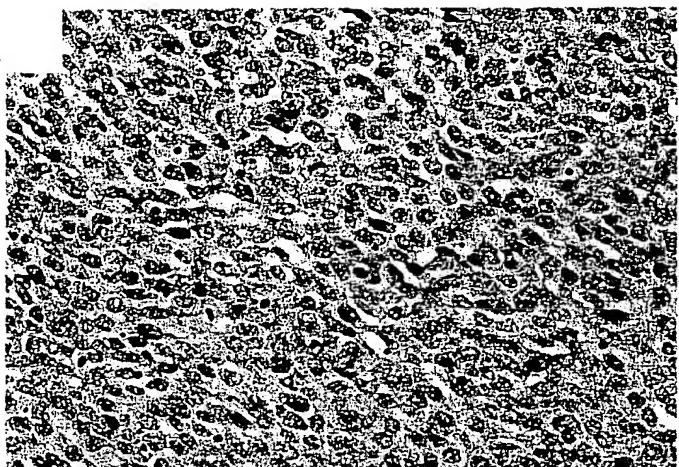


Fig. 1B

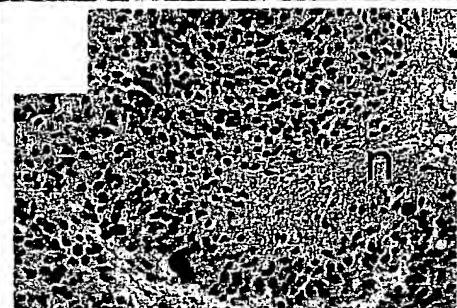
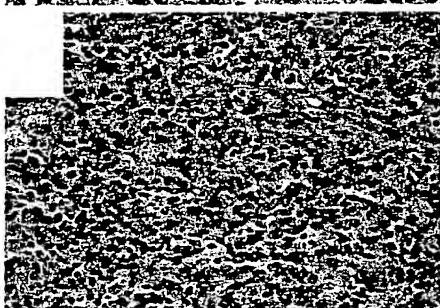
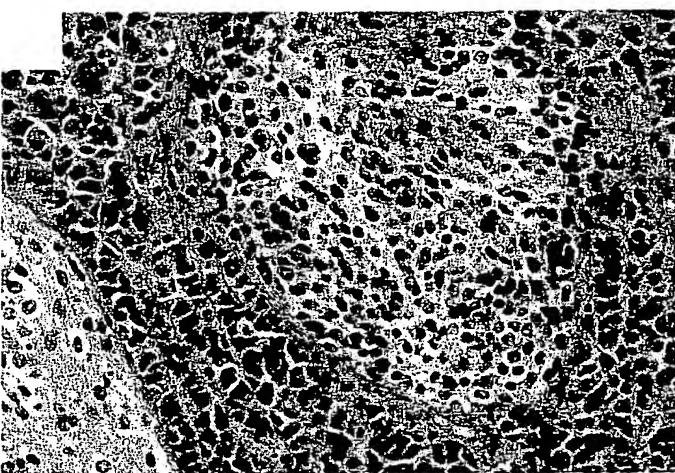


Fig. 1C

Fig. 1D

Fig. 1E

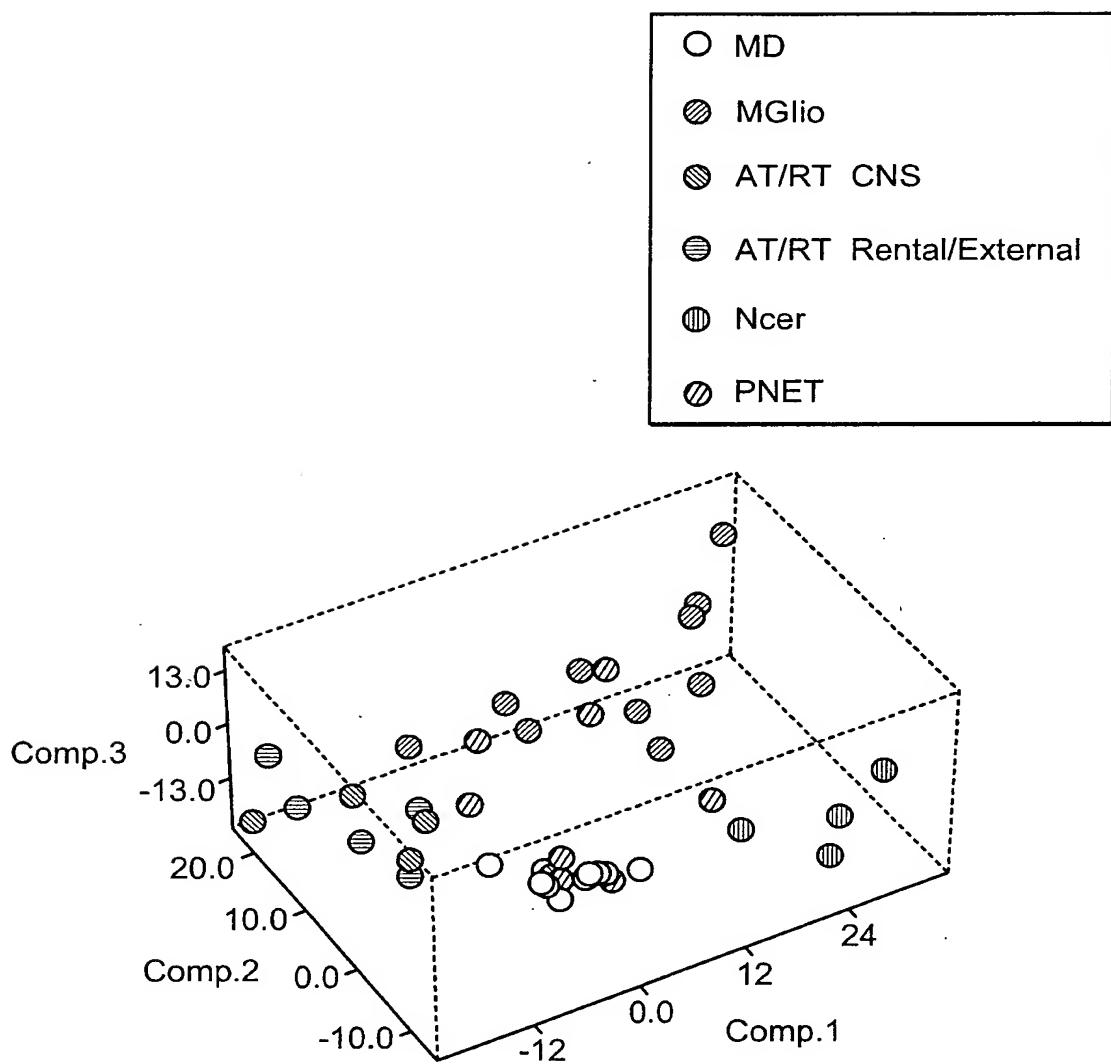


Fig. 1F

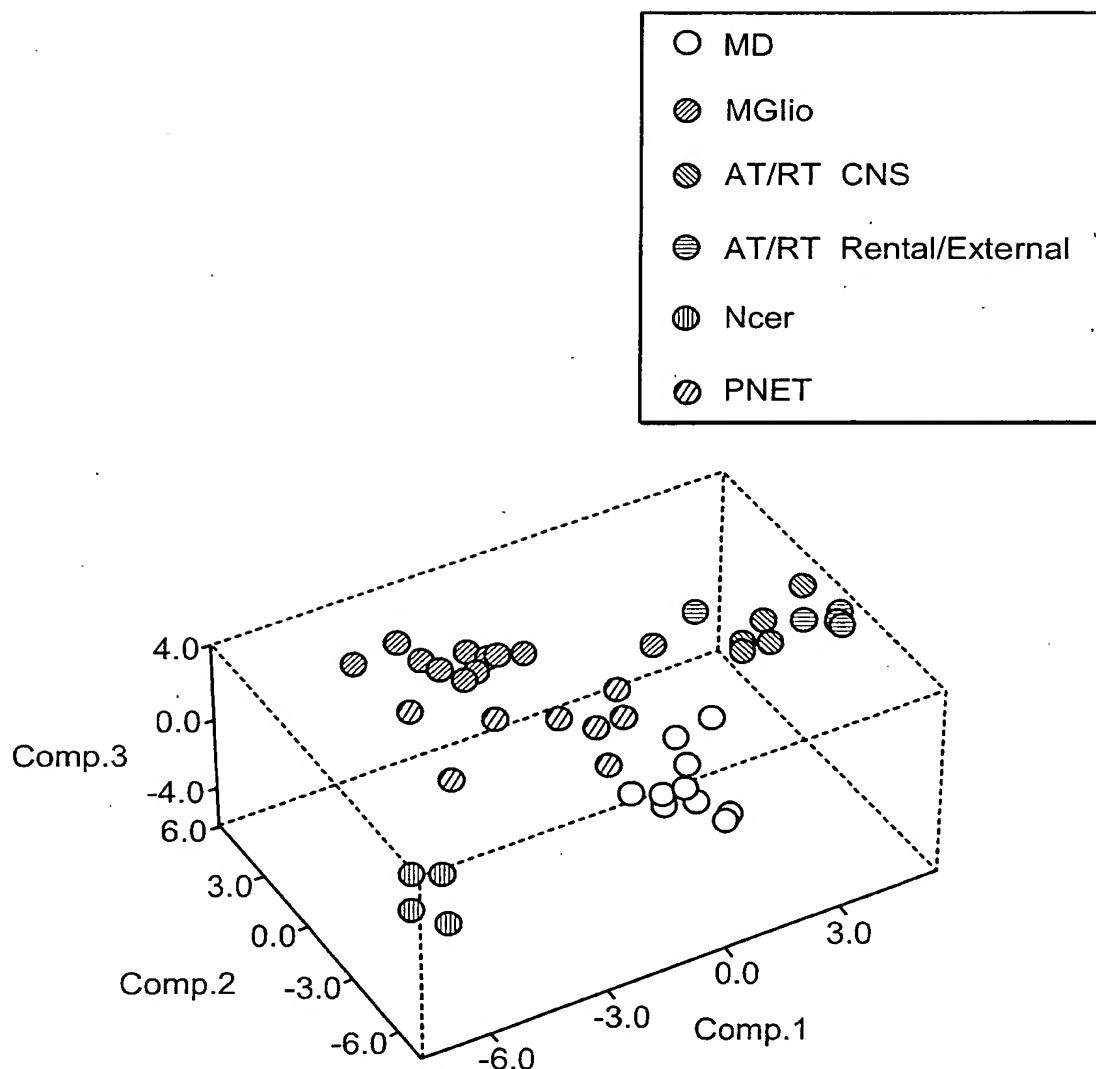


Fig. 1G

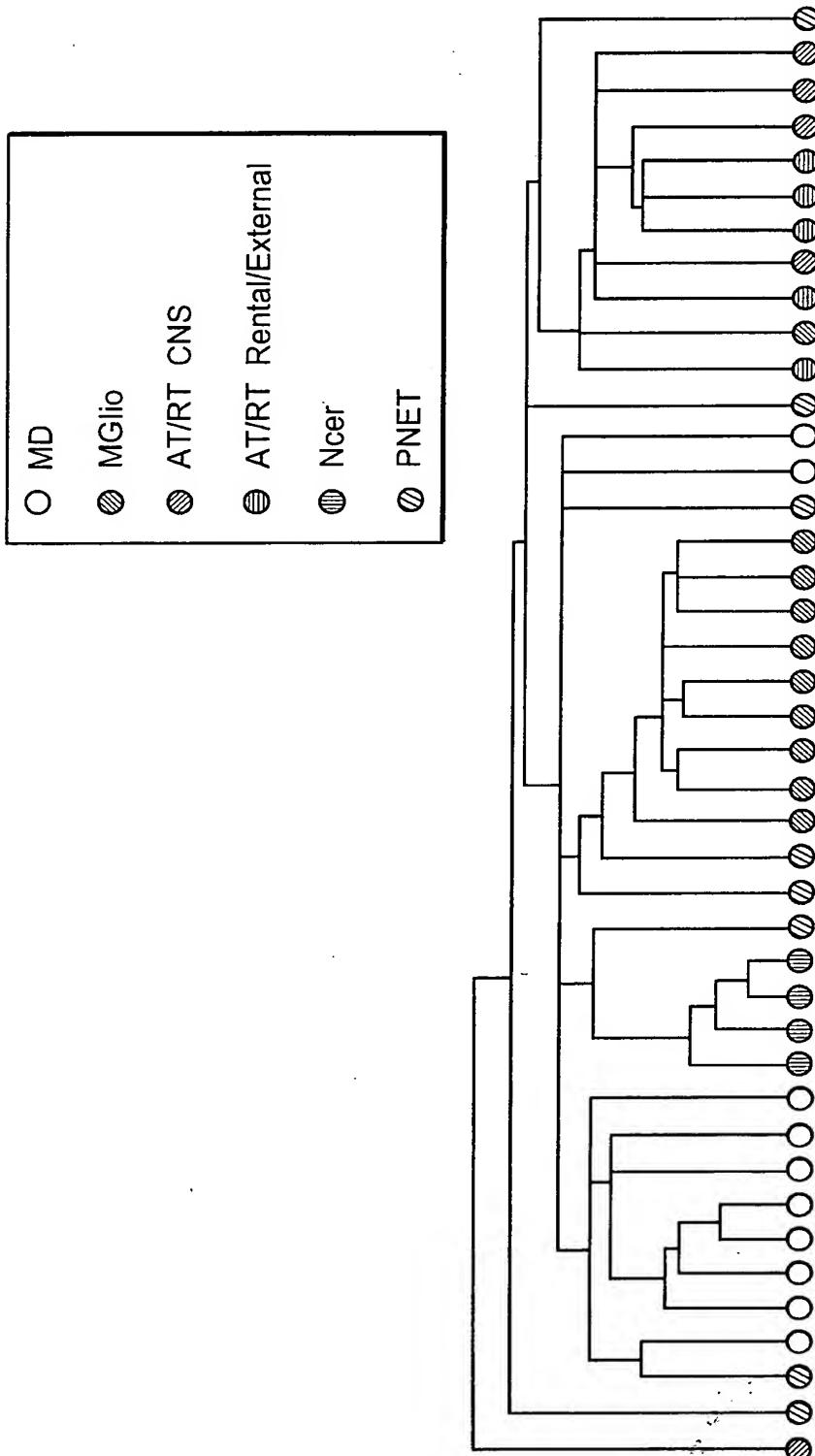


Fig. 1H

Fig. 1I

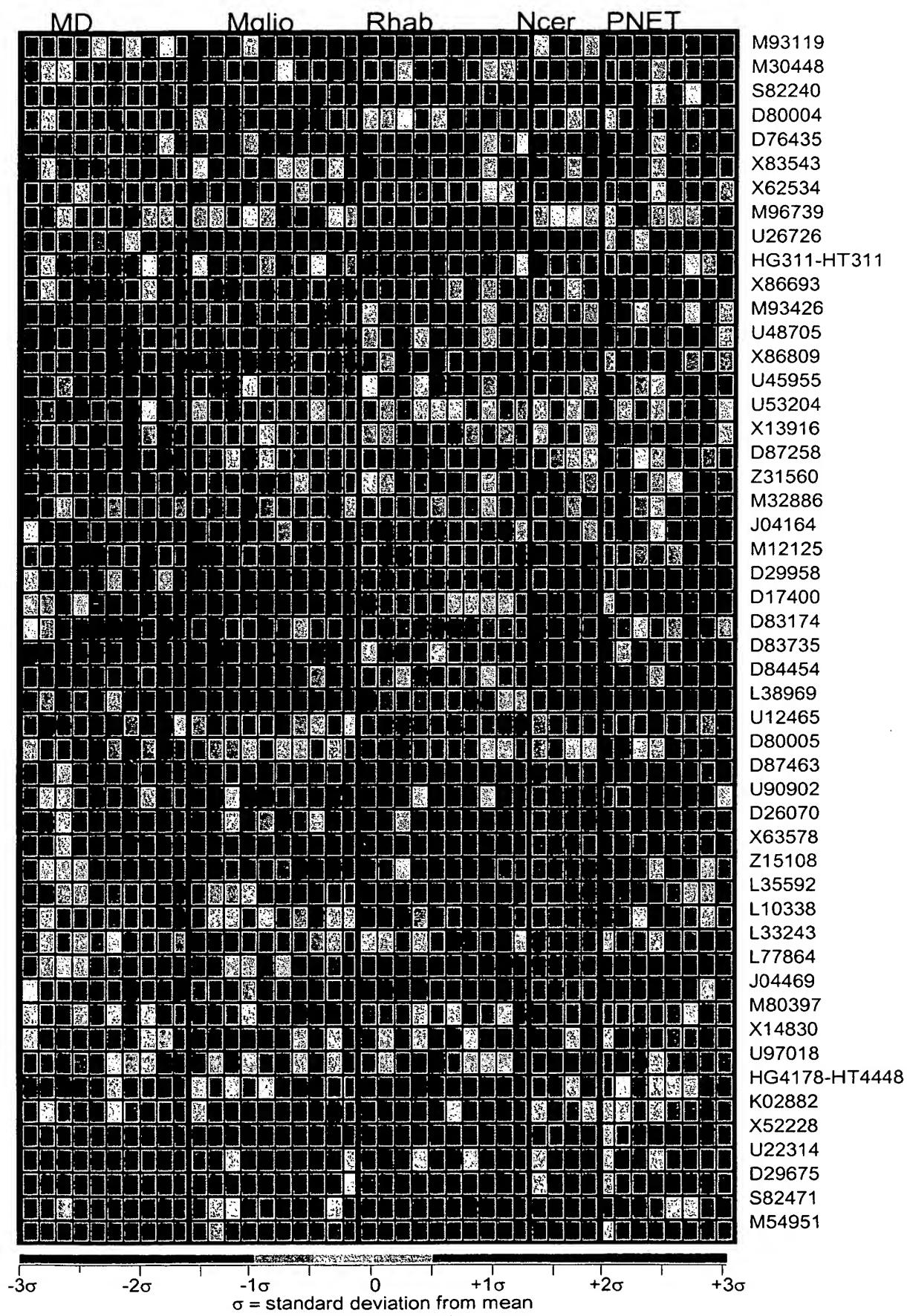


Fig. 2A

Classic

Desmoplastic

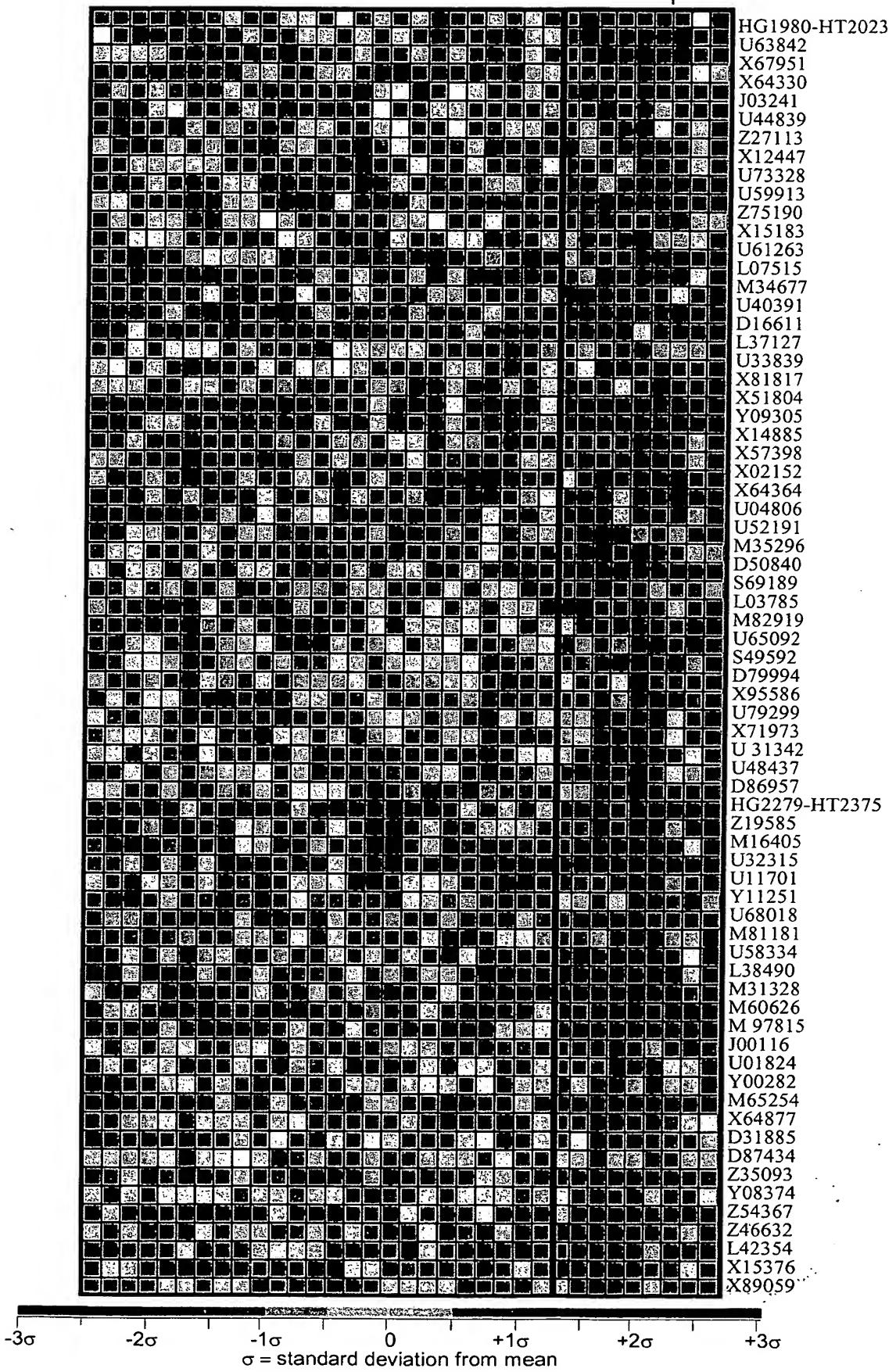


Fig. 2B

Classic

Desmoplastic

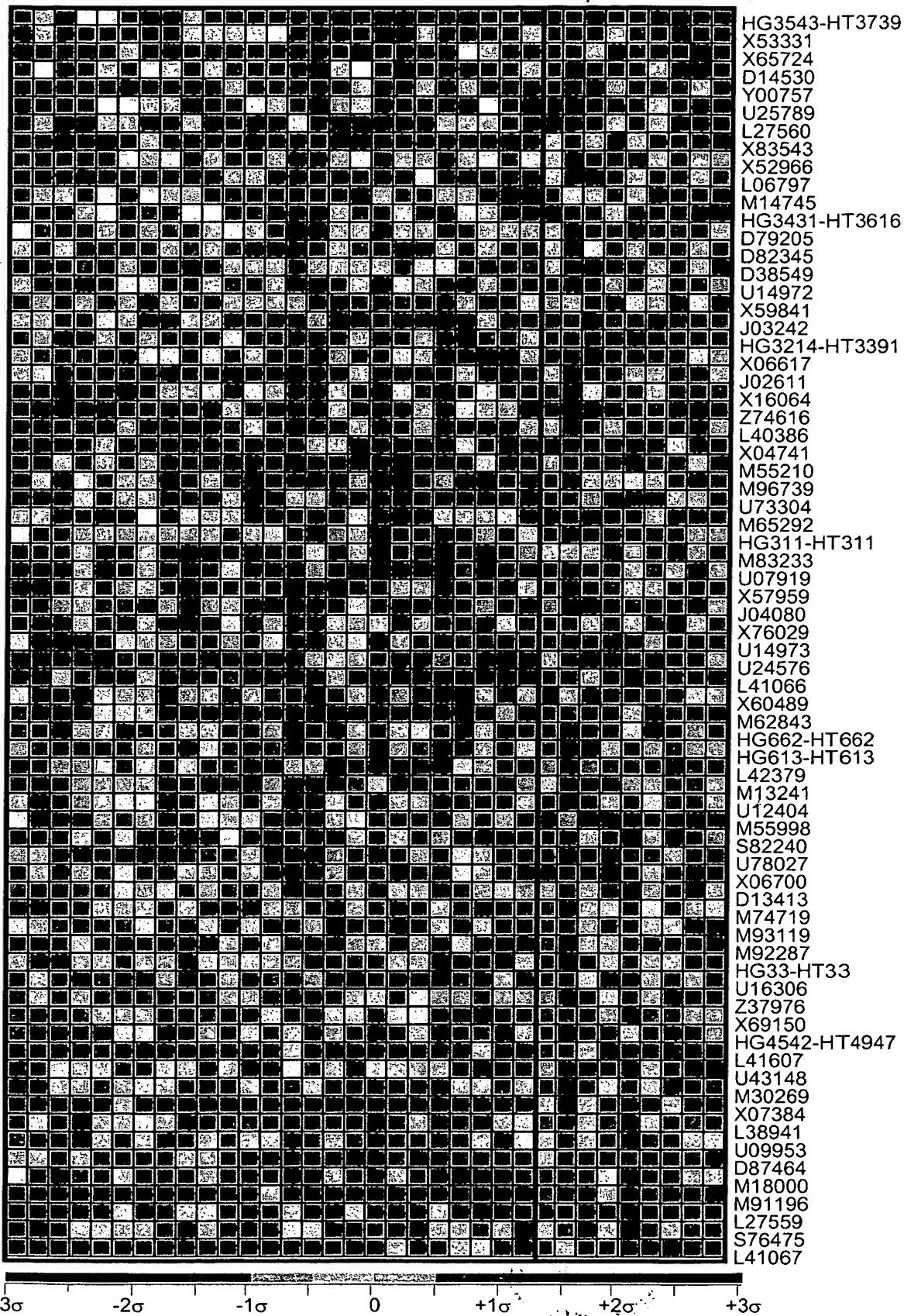
 $\sigma$  = standard deviation from mean

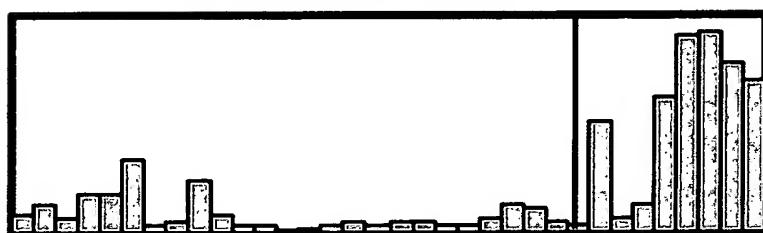
Fig. 2C

Classic

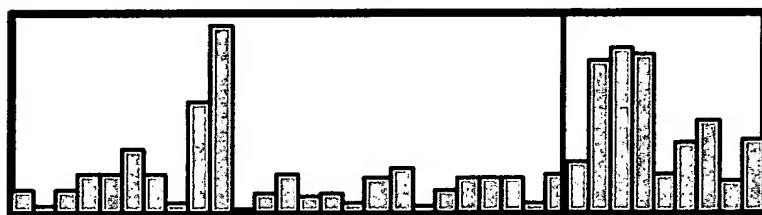
Desmoplastic



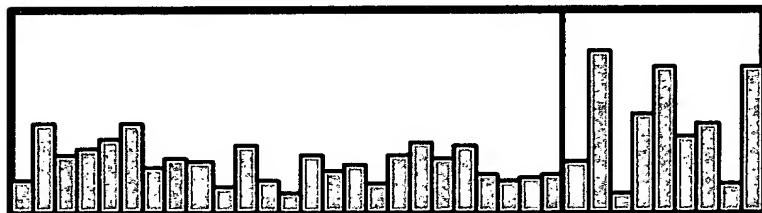
IGF2/HG3543-Ht3739



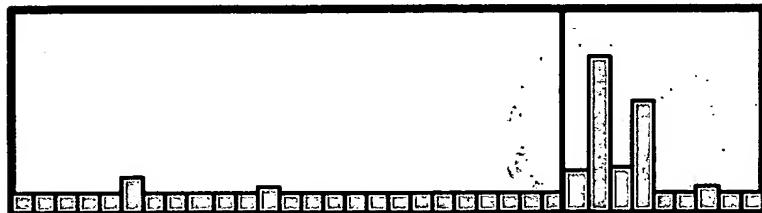
N-MYC/M13241



PTCH/U43148



GLI/X07384



10066305-561002

Fig. 3A

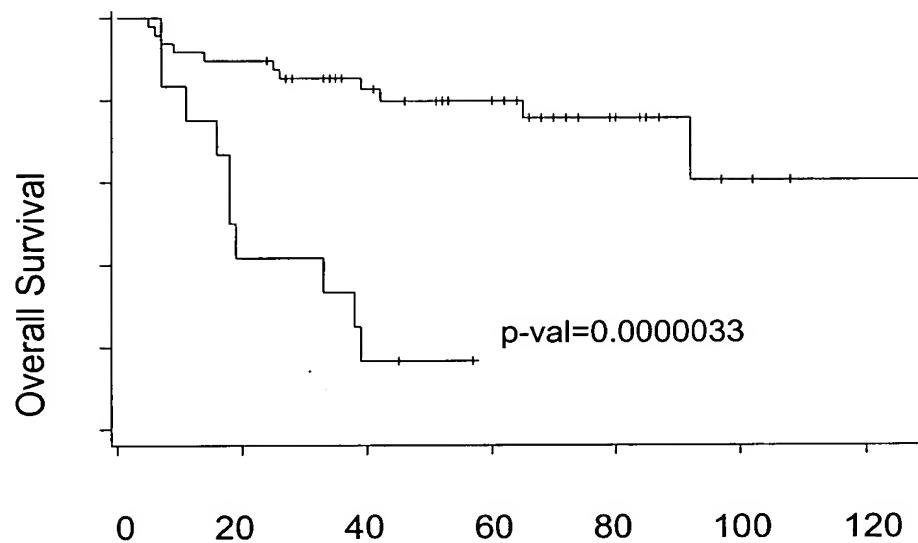


Fig. 3B

Failures

Survivors

C1

C0

C1

C0

Markers of Survival

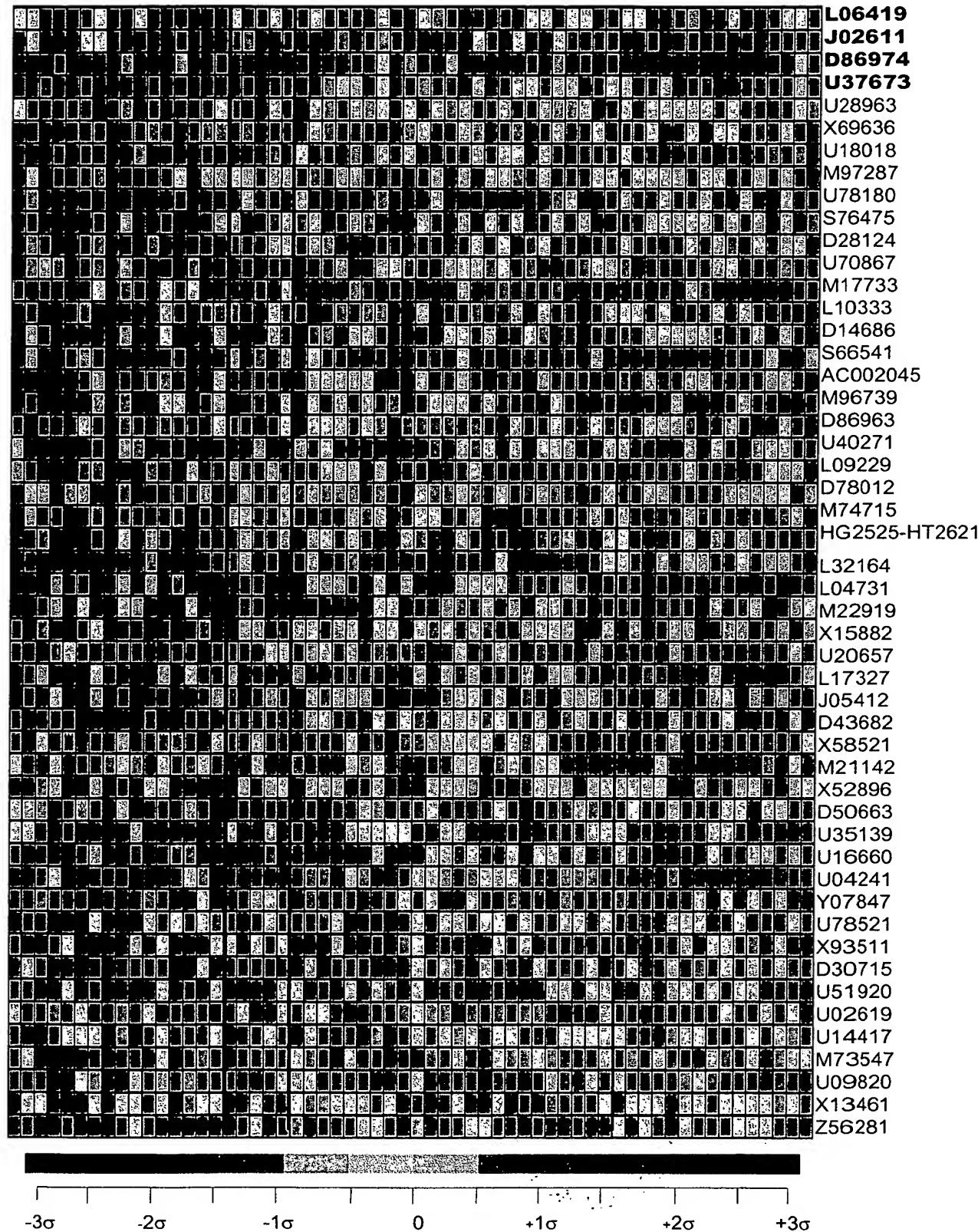
 $\sigma$  = standard deviation from mean

Fig. 3C

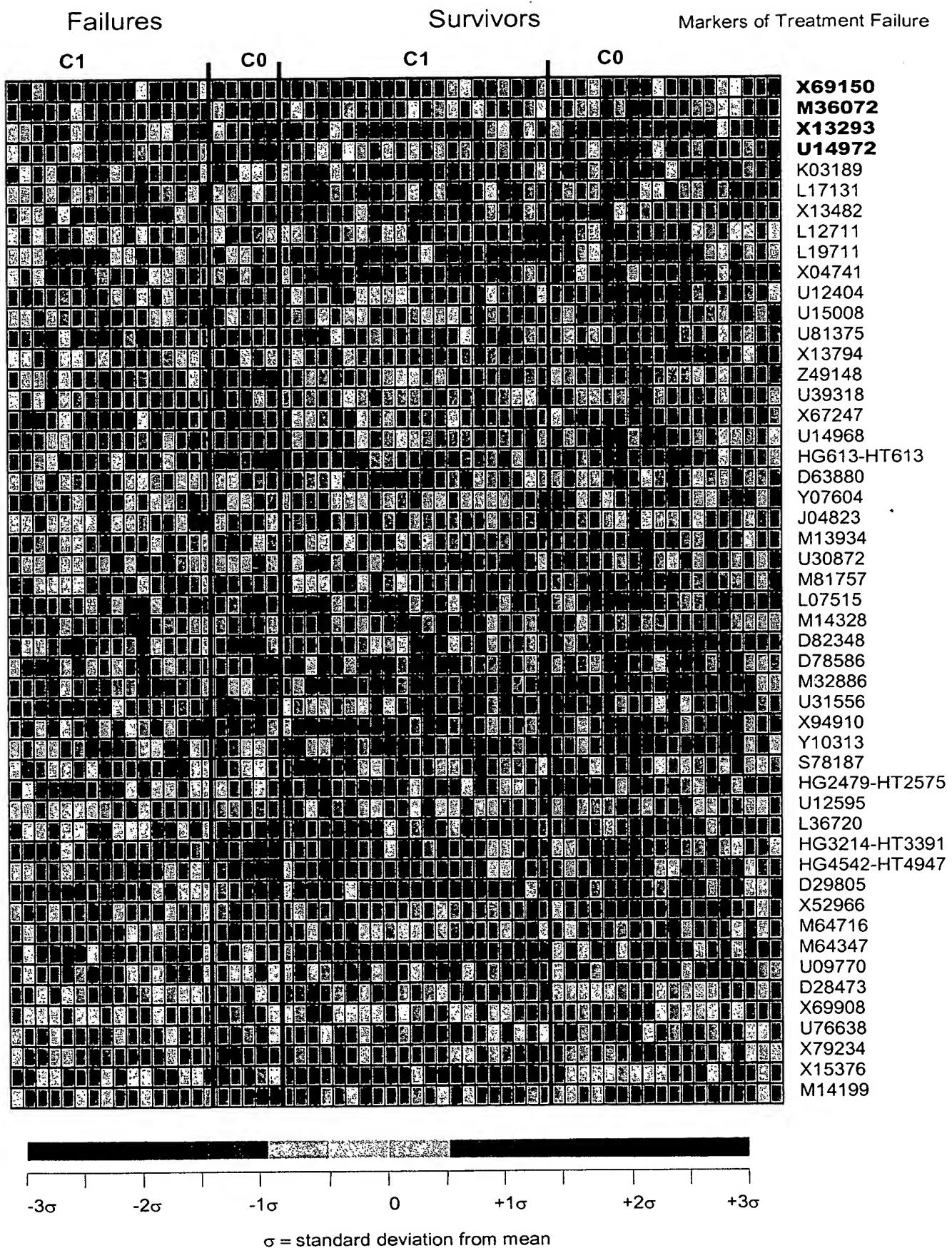


Figure 4B

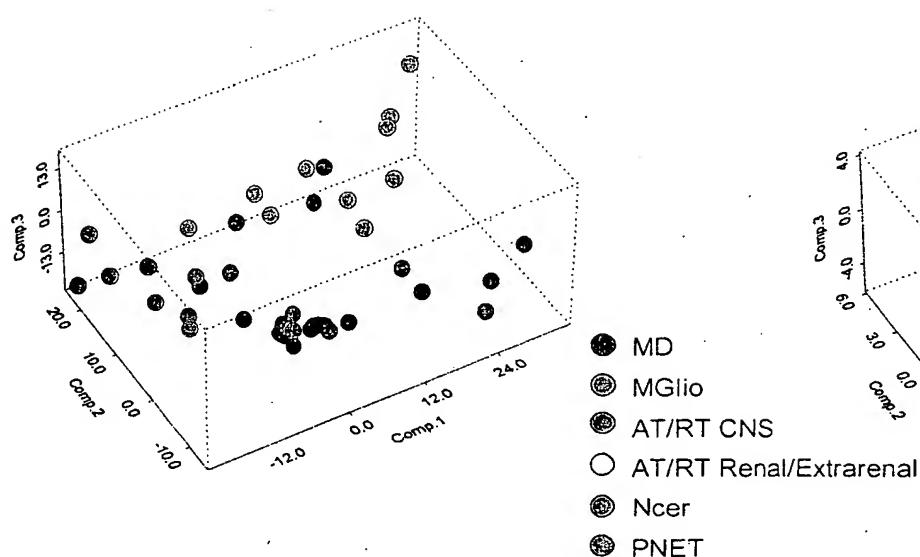


Figure 4C

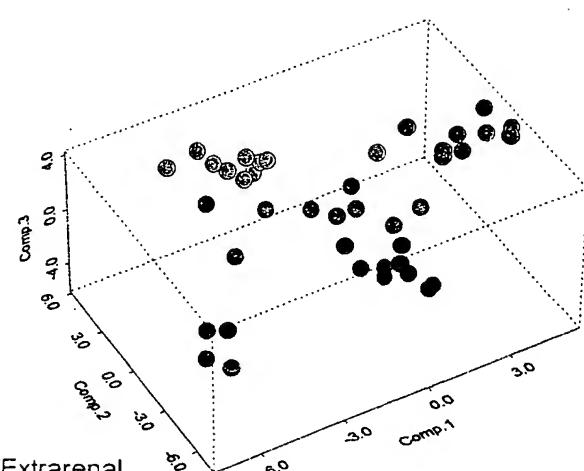


Figure 4D

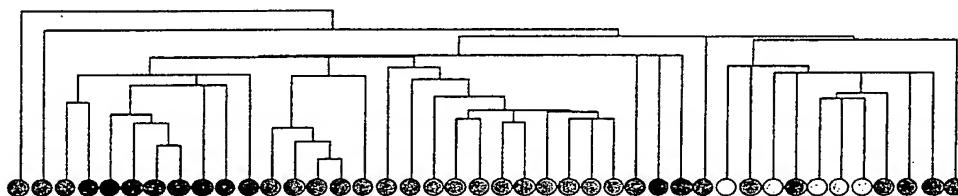
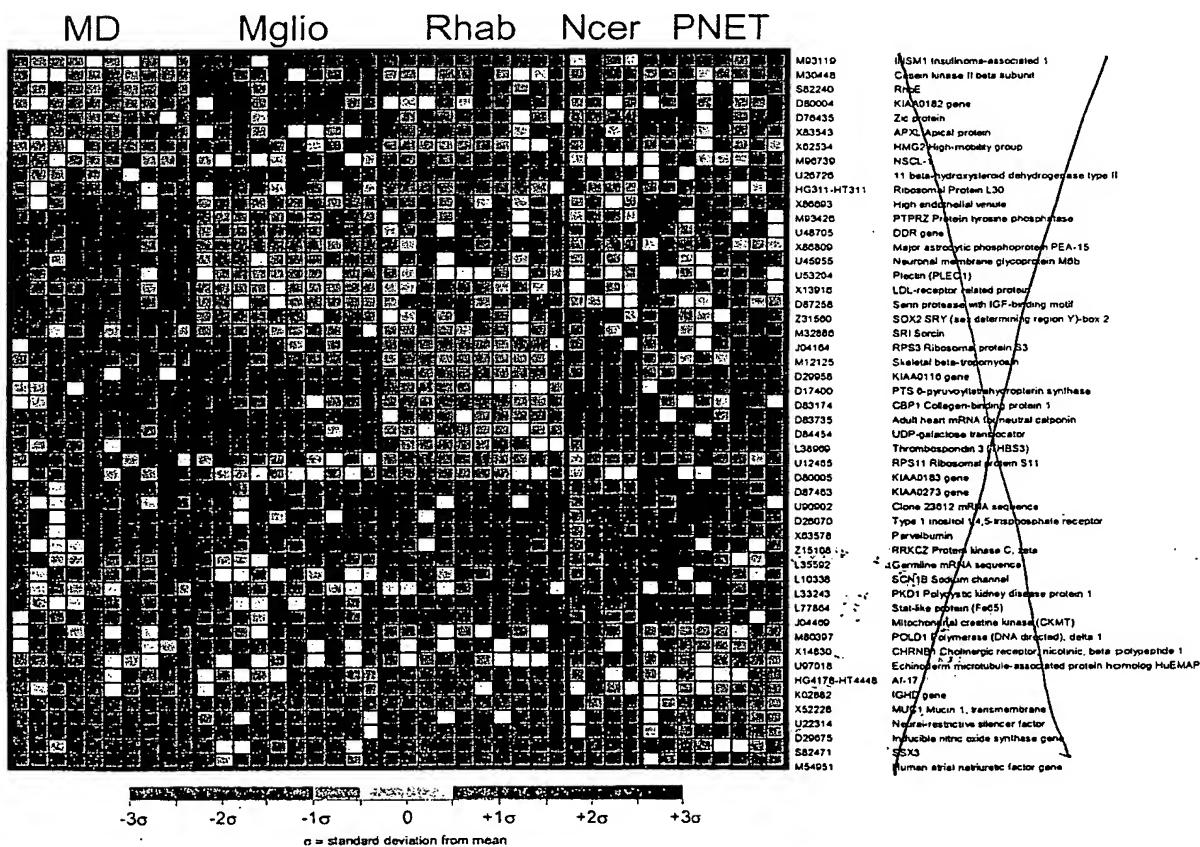


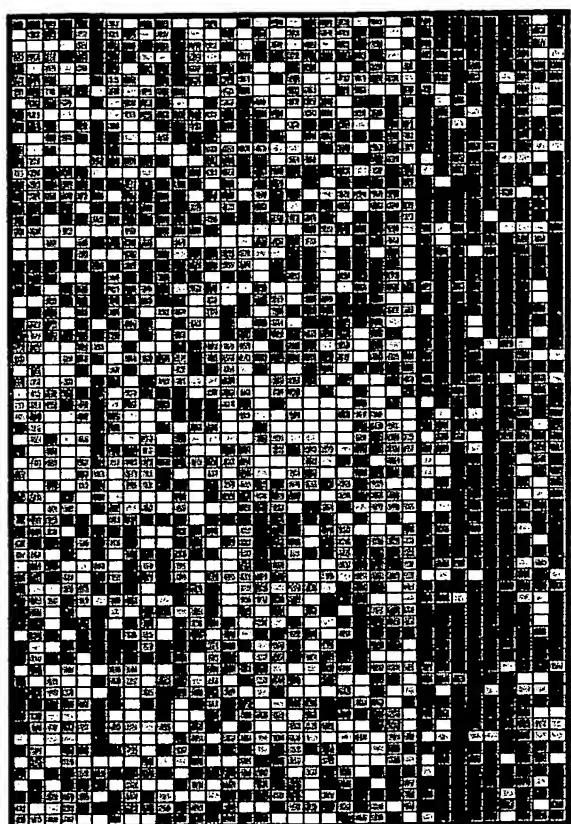
Figure 4E



Brain Tumor Diagnosis and Ou  
Inventors: Todd R. Golub *et al.*

Figure 5A

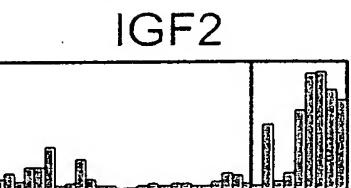
Classic Desmoplastic



Genes listed (partial list):

- HG1000-HT2023
- K53331 NGF Mains protein gene
- K05724 NDP Norrie disease protein
- I41530 40S Ribosomal protein S23
- Y00757 SO(4)1 Secretory granule, neuroendocrine protein
- I14609 LAMP1 Lysosomal-associated membrane protein 1
- L21500 Insulin-like growth factor binding protein 5 (IGFBP5)
- X33543 APXL Apical protein (Xenopus laevis-like)
- RPL3A Ribosomal protein L3a
- L06707 Human (clone L5) orphen G protein-coupled receptor
- M14745 BCL2B
- HG3317-HT3616
- D72305 Ribosomal protein L30
- D82205 NB inhomogeneity
- D35459 KIAA0008 gene
- I41972 Ribosomal protein S10
- P02554
- J03242 IGF2 Insulin-like growth factor 2 (somatomedin A)
- M05119 Metalloenolamin 1
- RPS11 Ribosomal protein S11
- APOD Apolipoprotein D
- X02011 Human gene for translationally controlled tumor protein
- C01-A2 Collagen, type I, alpha-2
- L40386 DP2 (HundrD2)
- K04741 Human mRNA for protein gene product (PGP)
- LAMC1 Laminin, gamma 1
- M55210 NSCL1
- M85204 Retinal rod outer segment membrane receptor (CRH1) gene
- M65202 MFL1 H factor (complement)-like 1
- M83233 Ribosomal Protein L30
- TCF12 Transcription factor 12
- U07919 ALDH10 Aldehyde dehydrogenase 6
- X76759 RPL17 Ribosomal protein L17
- C15504 C155 component,  $\alpha$ , subcomponent
- X76029 Neuraminidase U
- M55210 40S ribosomal protein S20
- U24570 Breast tumor autoantigen
- NF-AT3
- K05000 Elongation factor-1- $\alpha$ 2
- M02543 Parathyroid endopeptidyl peptidase Hud
- HG0002-HT002 Epstein-Barr Virus, Small RNA-Associated Protein
- HG0013-HT013 Ribosomal Protein S12
- Queson (Q0) mRNA
- N-MYC
- HSPB1 Heat shock 70D protein 1
- Alpha-1 collagen type I gene
- RnE
- L44L gene
- COL3A1 Alpha-1 type I collagen
- Tumor-associated 200-kDa nuclear protein p120
- SEF2-14 (SEF2-14)
- INSM1 Insulinoma-associated 1
- CCND3 Cyclin D3
- HG3317-HT33
- Ribosomal Protein S4
- CSPG2 Chondroitin sulfate proteoglycan 2
- L11 Late-instar larval growth factor beta binding protein 2
- Ribosomal protein S18
- U13306
- L41607 Ribosomal Protein L10
- GCNT2 Glucosaminyl (N-acetyl) transferase
- L43148 PTCH Patched homolog
- NID Noddy (enrich)
- G12001 Human oncogene homolog
- RPL37 Ribosomal protein L37
- RPL9 Ribosomal protein L9
- KIAA0274 gene
- M18000 40S ribosomal protein S17
- ICP11 Interdigitating cell surface sequence binding protein 1
- ICP12 Insulin-like growth factor binding protein 5
- MFRK3 Neurotrophin tyrosine kinase, receptor, type 3 (TrkC)
- Transcription factor NFAT5

Classic Desmoplastic



IGF2

N-MYC



PTCH



GLI

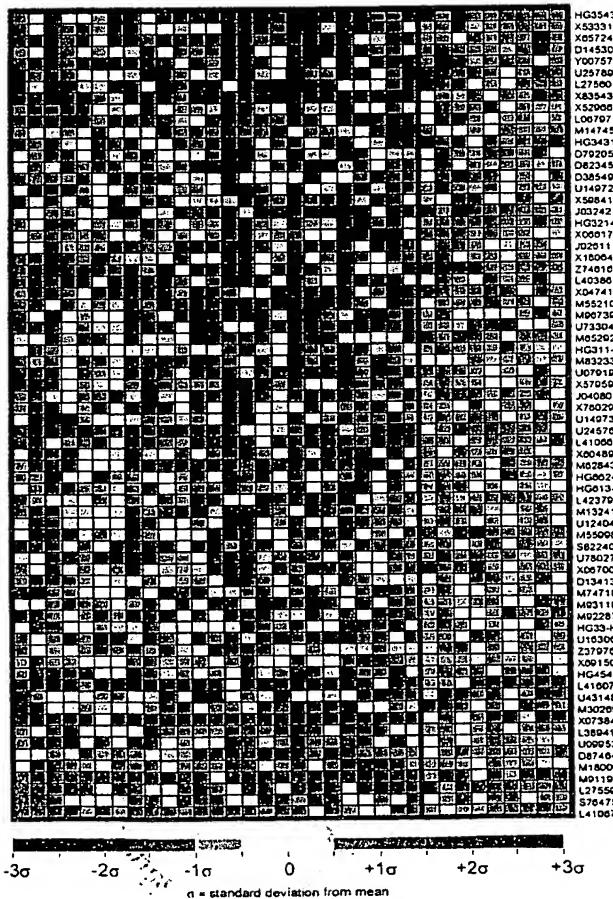
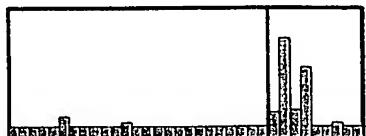


Figure 5B

Todd R. Golub et al.

Figure 6A

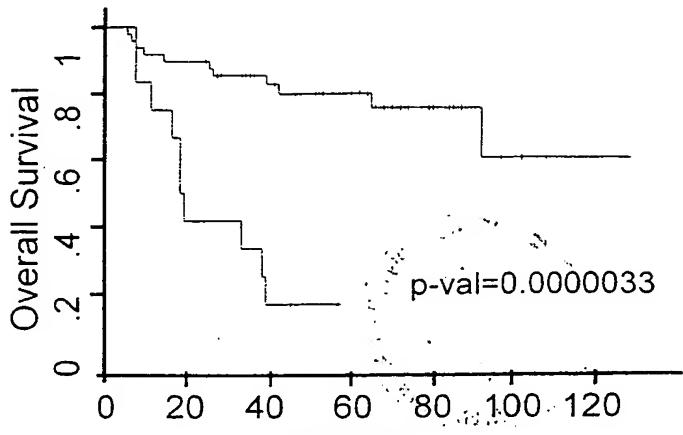


Figure 6B

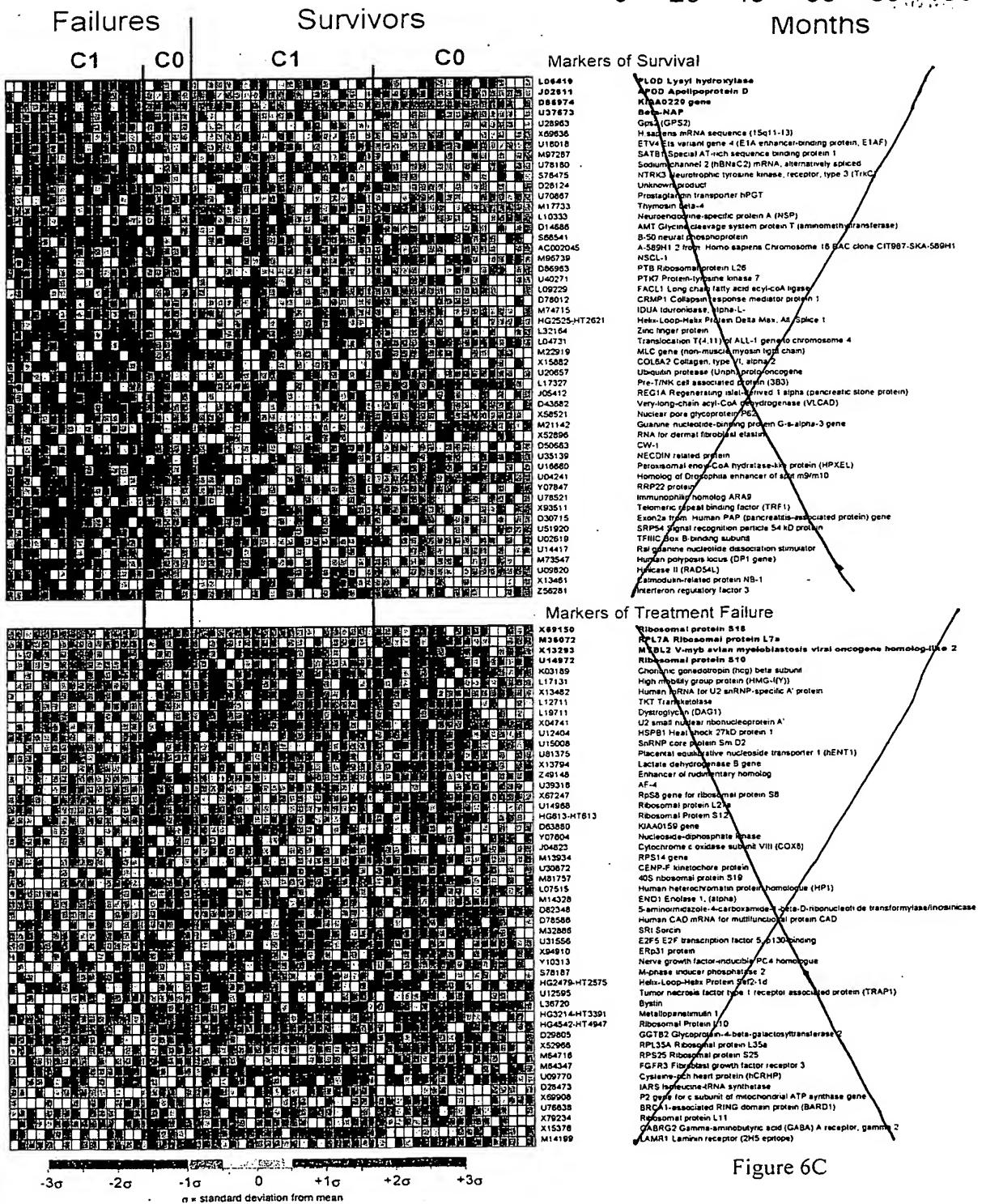


Figure 6C